



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 2/9/2023	EPA Reg. No./File Symbol 3008-134	Page 1 of 6
Applicant's/Registrant's Name & Address: Koppers Performance Chemicals Inc. 1016 Everee Inn Road Griffin, GA 30224	Product DCOI MUP	

Ingredient: 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone (DCOIT) (CAS No. 64359-81-5, EPA PC Code 128101)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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GROUP A – Product Chemistry

			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			N/A	N/A	This is a MUP.
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	Available upon request

GROUP B – Physical/Chemical Properties

			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			N/A	N/A	Product is a solid and does not contain oxidation/reduction function groups.
			N/A	N/A	Product is a solid and does not contain flammable components.

Signature 	Name and Title: Leigh Ann Richardson, Sr. Mgr. Regulatory Affairs	Date 2/9/2023
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Applicant's/Registrant's Name & Address: Koppers Performance Chemicals Inc. 1016 Everee Inn Road Griffin, GA 30224		Product DCOI MUP			
Ingredient: 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone (DCOIT) (CAS No. 64359-81-5, EPA PC Code 128101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			N/A	N/A	Product does not have the chemical bonds or functional groups associated with explosive chemicals.
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	Alt. Source #1
			N/A	N/A	Not required for MUP.
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			N/A	N/A	Product is a solid.
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			N/A	N/A	Product will not be used in a suspension or dispersion.
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
			Koppers Performance Chemicals	OWN	
TERRESTRIAL AND AQUATIC NONTARGET ORGANISMS					
			Nutrition & Biosciences USA 2, LLC	OLD	
			Nutrition & Biosciences USA 2, LLC	OLD	
			Nutrition & Biosciences USA 2, LLC	PAY	Bridging for long-term fish tox; submitted 10/31/14
			Nutrition & Biosciences USA 2, LLC	PAY	Bridging for long-term fish tox; submitted 10/31/14
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA

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DATA MATRIX

Date 2/9/2023 EPA Reg. No./File Symbol 3008-134 Page 3 of 6

Applicant's/Registrant's Name & Address: **Koppers Performance Chemicals Inc.**
1016 Everee Inn Road
Griffin, GA 30224

Product **DCOI MUP**

Ingredient: 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone (DCOIT) (CAS No. 64359-81-5, EPA PC Code 128101)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA
			Nutrition & Biosciences USA 2, LLC	PAY	Bridging for long-term fish tox; submitted 10/31/14
			Thor GMBH	PAY	Used in DCOIT RA; submitted 10/14/14
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA
			Nutrition & Biosciences USA 2, LLC	PAY	See 850.1075 & 850.1400
			N/A	N/A	N/A
			N/A	N/A	N/A
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; submitted in 2003
			Nutrition & Biosciences USA 2, LLC	PL	Used in DCOIT RA; Hollister 1977
			N/A	N/A	See 850.4400 or 850.4500

TOXICOLOGY

Acute Testing

			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			EPA	PL	EPA used public literature to derive dermal POD for DCOIT
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			EPA	PL	EPA used public literature to derive dermal POD for DCOIT
			EPA	PL	EPA used public literature to derive dermal POD for DCOIT
			EPA	PL	EPA used public literature to derive dermal POD for DCOIT

Signature

Leigh Ann Richardson

Name and Title:

Leigh Ann Richardson, Sr. Mgr. Regulatory Affairs

Date

2/9/2023



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Ingredient: 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone (DCOIT) (CAS No. 64359-81-5, EPA PC Code 128101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Subchronic Testing					
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			EPA	PL	EPA used public literature to derive dermal POD for DCOIT RA
			EPA	PL	EPA used public literature to derive dermal POD for DCOIT RA
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT Hazard Char.; submitted in 1994
			N/A	N/A	Neurotoxicity is not observed, per DCOIT RA
Chronic Testing					
			N/A	N/A	N/A
			N/A	N/A	Not required, per DCOIT RA
Developmental Toxicity and Reproduction					
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; submitted in 2002
			N/A	N/A	Developmental toxicity is not observed, per DCOIT RA
Mutagenicity					
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
			N/A	N/A	N/A
Special Testing					
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994 Submitted in 1997

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Ingredient: 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone (DCOIT) (CAS No. 64359-81-5, EPA PC Code 128101)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1994
				GAP	Dow submitted human patch test results
			ACC DCOIT WG	PAY	Submitted 1/17/2020

APPLICATOR EXPOSURE DATA

			AEATF II	PER	Used in Occupational RA. Koppers is a member of the ACC AEATF II.
			AEATF II	PER	Used in Occupational RA. Koppers is a member of the ACC AEATF II.
			ACC AWPTF	PER	Koppers is a member of the ACC AWPTF.
			N/A	N/A	N/A
			Nutrition & Biosciences USA 2, LLC Thor GMBH	PAY PER	Used in DCOIT RA; sub. 9/23/10 Koppers paid for study and it was conducted with Koppers product (KRD-1403); submitted 6/11/15

Post-Application Exposure Data

			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1993
			Nutrition & Biosciences USA 2, LLC	OLD	Submitted in 1993
			ACC AEATF II	PER	Koppers is a member of the AEATF II.

ENVIRONMENTAL FATE

			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 2006
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 1991
			N/A	N/A	N/A
			Thor GMBH	PAY	Used in DCOIT RA
			Nutrition & Biosciences USA 2, LLC	OLD	Soil pathway not of concern to Env'l RA; submitted in 1999
			N/A	N/A	Soil pathway not of concern to Env'l RA

Signature

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 1991 Submitted in 1992 Submitted in 1993 Submitted in 2006 Submitted in 2006
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 1991 Submitted in 1992 Submitted in 2006
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 1991 Submitted in 1986
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 1986 Submitted in 1986 Submitted in 1991
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub in 2006 Submitted in 2006 Submitted in 2006
			Nutrition & Biosciences USA 2, LLC	PAY	Used in DCOIT RA; sub. 3/31/16
			Nutrition & Biosciences USA 2, LLC	OLD	Used in DCOIT RA; sub. in 2006
			Nutrition & Biosciences USA 2, LLC Nutrition & Biosciences USA 2, LLC Nutrition & Biosciences USA 2, LLC Viance LLC Viance LLC Thor GMBH	OLD PAY PAY PAY PAY PER	Used in DCOIT RA; sub. in 2006 Submitted 7/29/2010 Submitted 9/28/2012 Submitted 3/9/2011 Submitted 3/21/2011 Study conducted by Koppers with Koppers product (KRD-1403); sub. 6/11/2015
			Viance LLC Viance LLC	PAY PAY	Submitted 3/9/2011 Submitted 7/21/2017

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Ingredient: 4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone (DCOIT) (CAS No. 64359-81-5, EPA PC Code 128101)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status Note

The selective method of support has been used to support this product Offers of data compensation were sent to the companies listed below.

Nutrition & Biosciences USA 2, LLC 1652 Larkin Center Drive, 100 Larkin Center Midland, MI 48642	Thor GMBH c/o Thor Specialties Inc. 50 Waterview Drive Shelton, CT 06484	Viance, LLC 8001 IBM Drive Charlotte, NC 28262	American Chemistry Council - DCOIT Work Group c/o American Chemistry Council Isothiazolinone Task Force 700 2nd Street, NE Washington, DC 20002
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